

DESERT WATER



Water Counts Academy

March 4, 2021

Session 5 - Virtual Tour Presentation



Who we are

- DWA formed in 1961 as an independent special district
- Groundwater manager & groundwater sustainability agency
- One of 29 State Water Project contractors
- Tap water provider
- Recycled water treatment & delivery
- Wastewater collection & conveyance



Boundary



- 325 square miles
- Palm Springs area
 - Includes:
 - Palm Springs
 - Parts of Cathedral City
 - Desert Hot Springs
 - Unincorporated areas

Who we serve



- Utility service provider for City of Palm Springs
- We serve about 90,000 just in our tap water service area
- We have roughly 23,000 active water accounts
- We provide about 29,000 acre-feet of potable (tap) water a year
- 2,256 sewer accounts

Water supply



- Imported water supplies
- Groundwater
- Streams - Chino Creek, Falls Creek & Snow Creek
- Recycled water



Water quality



- State & federal guidelines
- Samples taken throughout service area
- 2,600+ tests a year
- We have a lab and send many samples out
- New requirements almost every
- Water Quality Report - www.dwa.org/wqr



Recycled Water



- 1988 water recycling plant goes online
- We've recycled more than 106,500 acre feet since 1988
- Uses much less energy than pumping ground water
- Mostly powered by solar



Replenishment



- 2002 completed construction & first delivery at Mission Creek Replenishment Facility
- Groundwater levels stabilized in the basin



Sustainability

The agency produces and sells electrical power produced by:

- Two hydroelectric generating plants
- Whitewater hydro in 1986 & Snow Creek hydro in 1988
- Solar panels (used for the DWA Operations Center and recycled water plant)
- DWA solar has generated 11,600+ megawatt hours (equal to about 68,724 barrels of oil)



Wells & Reservoirs

- 23 active wells across water service area
- 26 reservoirs
- 60 MG total capacity
- 60 MG = 245 homes' annual use,



Filtration Plant



- New - opened in October 2020
- Filters stream water
- Serves only Snow Creek Village



Incentives



- Smart irrigation controllers - up to \$250
- Rotating nozzles & fixed head bubblers - up to \$7
- Grass replacement - \$2 per square foot
- Washing machines - up to \$250
- Toilets (commercial only)

www.dwa.org/save



Thank you!

Xochitl Peña

Outreach Specialist

Xpena@dwa.org

DESERT WATER

